GSM/GPRS/GPS Tracker **EagleEye**

Quick Start User Manual

Version 1.02

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1. Introduction

The EagleEye is a powerful GPS Tracker designed for vehicle and asset tracking. With superior receive sensitivity, fast TTFF (Time to First Fix) and Quad-band GSM frequencies 850/900/1800/1900 its location can be accurately monitored. Based on the embedded Datablaze WebEnabled Protocol, the EagleEye can communicate with the backend server through the GPRS/GSM network (or SMS) to report Emergency Alerts, Geo-fence boundary crossing, Low Battery, and scheduled GPS positions along with several other advanced reporting features. The EagleEye features built in 3D motion sensors and advanced power management capabilities. Lower power consumptions means more operating time per charge.

2. Product Overview

2.1. Appearance

2.2. Buttons/Mini USB Interface Description

Button/Mini USB Interface Description	
Power Key (Enabled by Default) *can be disabled	• Turn on EagleEye • Turn off EagleEye when without charge (if power key is enabled).
Function Key	• Send Immediate GPS report
Mini USB Interface	• Connect to the DB-ECHG AC charger can power and charge the internal battery. • Connect Datablaze external battery (part# DB-EXTBAT) to power EagleEye.

2.3. LEDs Description

Light	Event	State
GPS LED	GPS has fixed	Solid
	GPS is in fixing	Fast Flash
	GPS is on and GPS data wrong	Slow Flash
	GPS is off	Dark
	If “LED On” is not selected and the GPS LED will not work after turn on 150 seconds.	Dark
Power LED	Power on and normal	Dark
	Charger inserted and charging completed	Solid
	Charger inserted and charging	Fast Flash
	Power key was pressed and prepare to power off	Fast Flash
	Abnormal	Fast Flash
	Power low alert	Slow Flash
	Power off or turn off the power light by command	Dark
GSM LED	Searching network	Fast Flash
	Network has been registered	Slow Flash
	Power Off	Dark

3. Device Activation

Step 1. Go to uspy.datablaze.com/activate

Step 2. Enter Activation Key (located on outside of box).

Step 3. Follow instructions on the screen

Step 4. Device will be active and ready for use within minutes.

4. Web Access

4.1 Go to uspy.datablaze.com

- Enter username and password created during activation.

5. Getting Started

5.1. Battery Charging

- Connect Datablaze AC Charger with the EagleEye Tracker.
- Insert the AC Charger into the power socket
- During charging, the PWR LED is flashing fast. When the battery is fully charged, the PWR LED will be solid.
- You can also charge the battery by USB cable which connects the EagleEye with the PC.
- Charging time is about 5 hours.

Note: Before the first time using the EagleEye Tracker, please fully charge the battery.

5.2. Turn on/Turn off (if enabled)

- Turn On:
  - Method 1: Press the power key for at least 3 seconds and release it to turn on the Eagle Eye. At the same time, PWR LED will light on.
  - Method 2: Connect the EagleEye to charger or external battery, and it will turn on automatically, PWR LED will light on.
- Turn Off:
  - Method 1: Press the power key for about 2 seconds; PWR LED will flash and then turn off, it indicates that the EagleEye is turned off. The time of power off is dependent on the quality of the network. The maximum time of power off is 90 seconds. It is only valid to turn off when using the internal battery.
  - Method 2: If using the Datablaze external battery (DB-EXTBAT), device will power off when external battery disconnects.

6. Troubleshooting and Safety Info

6.1. Troubleshooting

Trouble	Possible Reason	Solution
After the EagleEye Tracker is turned on, the GSM LED flashes quickly always.	The SIM card is not inserted.	Insert the SIM card into the EagleEye.
	The signal is too weak; EagleEye cannot register to the network.	Move the EagleEye into a place with good GSM coverage.
	PIN locked	Use SIM card without SIM-PIN or unlock the SIM-PIN.
Unable to power off the EagleEye.	The function of the power key is disabled.	Send request to support@datablaze.com to enable the function of the power key.
	Unable to power off the EagleEye if charger is connected or connected to external battery.	Disconnect charger or external battery and try again.
EagleEye can't get a successful GPS fixing.	The GPS signal is weak.	Move EagleEye to a place with open sky.
		It is better to let the top surface face to sky. (The same surface with indication LEDs).

6.2. Safety Info

- Do not disassemble the device by yourself.
- Do not put the device on overheating or too humid place, and avoid exposure to direct sunlight. Too high temperature will damage the device or even cause the battery explosion.
- Do not use the EagleEye Tracker on the airplane or near medical equipment.

7. Optional Accessories

7.1. Install EagleEye into the Optional Holder

To install the EagleEye Tracker into the optional holder use the following process.

7.2. External GPS Antenna Specification

There is a MMCX RF connector on the EagleEye and it is for an external GPS antenna. This will screw into the EagleEye tracker next to the mini USB insert.

7.3. Extended Battery Kit

To connect the EagleEye Tracker to the extended battery insert the mini USB from the battery into the EagleEye tracker.
Note: when you disconnect the extended battery from the EagleEye the EagleEye will power off.

To charge the extended battery, insert the round charging cable on the battery into the AC charger. The charging light will be red when charging and green when charging is complete.